

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-2 (Canceled)

3. (Currently amended) A method for screening or selecting at least one cell expressing a polypeptide with a desired binding affinity to a ligand from cells expressing a library of polypeptide variants, comprising:

a) providing a plurality of eukaryotic cells each comprising an expression cassette comprising a first polynucleotide encoding a polypeptide variant, at least one stop codon downstream of the first polynucleotide, and a second polynucleotide encoding a cell membrane anchoring peptide, ~~a reporter peptide or an epitope tag~~ downstream of the stop codon;

b) cultivating the cells in the presence of a termination suppression agent under conditions that allow expression of the polypeptide variant, wherein the termination suppression agent is an aminoglycoside antibiotic; and

c) using FACS to select ~~selecting~~ at least one cell expressing the polypeptide variant fused to a cell membrane anchoring peptide based on binding affinity of said polypeptide variant to said ligand.

Claims 4-5 (Cancelled)

6. (Previously presented) The method of claim 3, wherein the second polynucleotide encodes a cell membrane anchoring peptide, and wherein the at least one selected cell expresses a fusion protein comprising the polypeptide fused to a cell membrane anchoring peptide, the fusion protein being displayed at the surface of said cell.

Claims 7 – 14 (Cancelled)

15. (Previously Presented) The method of claim 3, further comprising:
d) cultivating at least one selected cell in the absence of a termination suppression agent to obtain expression of the polypeptide as a soluble polypeptide.

Claims 16 – 57 (Canceled)

58. (Previously Presented) The method of claim 6, wherein the cell membrane anchoring peptide is a GPI anchor.

Claims 59 – 62 (Cancelled)

63. (Previously Presented) The method of claim 4, wherein the aminoglycoside antibiotic is selected from the group consisting of G-418, gentamicin (gentamycin), paromomycin, hygromycin, amikacin, kanamycin, neomycin, netilmicin, paromomycin, streptomycin and tobramycin.

Claims 64 – 65 (Cancelled)

66. (New) The method of claim 3, wherein the second polynucleotide further encodes a reporter peptide.

67. (New) The method of claim 3, wherein the second polynucleotide further encodes an epitope tag.

68. (New) The method of claim 3, wherein the at least one codon is UAA.

69. (New) The method of claim 3, wherein the at least one codon is UGA.

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70. (New) The method of claim 3, wherein the cells are cultivated in the presence of a butyrate salt.